

**PORTABLE CURING SYSTEM
FOR USE WITH VACUUM BAG REPAIRS AND THE LIKE**

ABSTRACT OF THE DISCLOSURE

A portable curing system includes a carrying case, a controller located within the carrying case and having a microprocessor, a vacuum pump located within the case and having at least two vacuum ports for connection of vacuum lines, at least two vacuum sensor connectors for receiving leads of vacuum sensors, at least two heater connectors for receiving leads of electrical heaters, and at least two temperature sensor connectors for receiving leads of thermocouples. The controller is operably connected to the vacuum pump, the vacuum sensor connectors, the heater connectors, and the temperature sensor connectors. A touch-screen video display is mounted within the carrying case and operably connected to the controller to display information from the controller and input information to the controller. The video display is pivotable between a stowed position and a viewing position.